



THE CITY OF SAN DIEGO
REPORT TO THE CITY COUNCIL

DATE ISSUED: **May 26, 2010** REPORT NO: **10-079**

ATTENTION: Council President and City Council

SUBJECT: Recognition of Award Winning Projects

THIS IS AN INFORMATION ITEM ONLY. NO ACTION IS REQUIRED ON THE PART OF THE COUNCIL.

The City of San Diego is the recipient of sixteen (16) awards for outstanding infrastructure projects from the American Public Works Association (APWA), American Society of Civil Engineers (ASCE), the Save Our Heritage Organization (SOHO) and the City of San Diego's Historical Resources Board.



American Public
Works Association
APWA



Save Our Heritage
Organisation
SOHO



American Society
of Civil Engineers
ASCE



Historical
Resources
Board

Overview of Awarding Organizations

- The **APWA** is an international educational and professional association of public agencies, private sector companies and individuals dedicated to providing high quality public works goods and services. Originally chartered in 1937, APWA is the largest and oldest organization of its kind in the world, with 67 chapters throughout North America. Every year, the chapters and the Association honor excellence through their prestigious award program.
- Each year, **ASCE** recognizes those who contribute to the field of engineering. The Honor and Awards Program objective is the advancement of the engineering profession through the recognition of exceptionally commendable achievement.
- Annually, **SOHO** awards the prestigious People in Preservation Award which honors those who contribute to preserving the historic resources of the area. It encourages historic preservation and acknowledges these efforts in San Diego County.
- Each year the City's **Historical Resources Board** recognizes individuals, groups, businesses and agencies who contribute to the preservation and advancement of San Diego's unique history and heritage.

The 2010 award-winning projects are:

First Avenue over Maple Canyon Bridge Retrofit and Painting Project

APWA: Project of the Year: Historic \$6 - \$25 million

SOHO: People in Preservation Award

HRB: Excellence in Historic Preservation Award: Architectural Rehabilitation



This project ensured the preservation of this historic bridge originally built in 1931 and the only one of its kind in the City of San Diego. The bridge is now lead-free, has a rehabilitated deck, new historical street lighting, new paint reflecting its original color, and most importantly, it will be able to withstand the strength of a catastrophic earthquake.

Soledad Mountain Road Repair

APWA Project of the Year: Disaster-Emergency \$6- \$25 million

The Soledad Mountain Road Repair was successfully completed in less than two years; a remarkable time frame considering the multiple obstacles facing the project and the community after the October 2007 landslide. Restoring the road, services and access to homes in a short period of time was critical to move back many of the homeowners to their residences.



The project included massive earth work, the rebuilding of sewer and water mains, along with gas, electric, telephone and other utilities. The successful completion of the project was a direct testament to the importance of public works in the daily lives of citizens.

Camino de la Costa Storm Drain Replacement

APWA Project of the Year: Environment Under \$2 million



This project replaced a corrugated metal pipe storm drain and eroded cliff, reconstructed the sidewalk overseeing the cliff and sealed two sea caves that undermined the cliff and street infrastructure in the Bird Rock area of La Jolla.



Overcoming various challenges, including access to the beach, the small size of the construction area, and the high tide, the project was finished successfully and these improvements enhanced not only the landscape of this beach, but also the safety of surfers in the area.

Miramar Water Treatment Plant Upgrade and Expansion-New Basins-Contract B

APWA Project of the Year: Environment \$26 - \$75 million

As part of this water treatment plant's extensive upgrade and expansion project that began in 1998, Contract B has successfully installed new high-efficiency flocculation and sedimentation basins, while applying the most advanced engineering technologies and construction innovations.



ADA I, III and VI & Title 24 Various Facility Improvements

APWA Project of the Year: Parks Under \$2 million

This project consisted of upgrading various facilities to comply with the American with Disabilities Act (ADA) and Title 24 requirements. The project involved improvements to the Swanson pool, Memorial Pool, Balboa Park sidewalks, Balboa Tennis Club, Morley Field, South Clairemont Recreation Center, Cesar Chavez Community Center, Northern Police Station, Kearny Mesa Pool, Tierrasanta Recreation Center, Euclid Community Center, and the Encanto Teen Center.



Fire Station No. 1 Remodel

APWA Honor Award: Structures Under \$2 million



The remodel of Fire Station No.1 enhanced standard operation levels when responding to emergencies and created a better clean air environment for Fire Rescue staff.

A partnership between the City of San Diego and the CCDC management team recognized the health and safety hazards present in the 35-year-old facility. The remodel's improvements mitigated these hazards through the latest state-of-the-art air purification technology.

Fire Station No. 1 is the largest fire station serving San Diego. During the past year, it handled more than 12,000 calls for fire and medical assistance.

Logan Heights Library

APWA Project of the Year: Structures \$6 - \$25 million

The new, two-story, 25,000-square-foot library replaces the old 3,967-square-foot library originally built in 1927.

This new library's location was strategically planned to stand adjacent to two schools, a swim center and a neighborhood park, thus creating a civic, educational and recreational "heart" for the community. In turn, the value of these public assets promote civic pride, upward mobility and career path opportunities for generations to come.



Ocean Beach Bike Path/Hotel Circle North Bikeway Project

APWA Honor Award: Transportation \$2 - \$5 million

This trail between Mission Valley and Ocean Beach has given residents a beautiful pathway

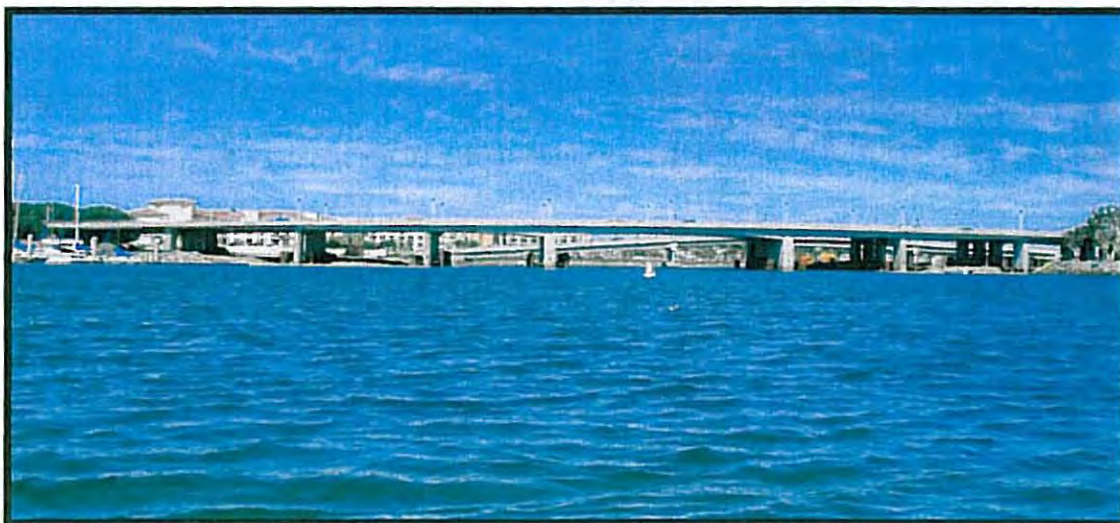


along the San Diego River to exercise and enjoy the outdoors. The bikeway provides non-vehicular traffic with a travel route and access ramps between the Ocean Beach and Old Town areas and the retail centers of the Mission Valley area. Additionally, the path runs just to the south of the San Diego River, which provides recreational and educational opportunities.

North Harbor Drive Bridge Seismic Retrofit

APWA Project of the Year: Transportation \$6 - \$25 million

Located in an area of San Diego that is highly visited and used by tourists and residents, the North Harbor Drive Bridge has been given an additional 50 years by retrofitting it for a third of the cost of a new bridge. Retrofitting was done with a minimal impact on the surrounding environment and with no disruption to traffic flow in the area.



4020 Murphy Canyon Emergency Storm Drain

APWA Project of the Year: Utilities \$2 - \$5 million

ASCE Outstanding Water Quality, Flood & Drainage Project

The Chargers' practice fields and facilities had been damaged by storm water that boiled out of a sink hole and manhole covers. An emergency and fast repair was necessary since the Chargers were in the middle of their practice schedule.



This award winning project repaired a failing 54-inch reinforced concrete storm drain pipe.

After facing many challenges, including intersecting utility lines, the amount of water runoff that reached the pipe, and the Chargers' practice needs, the project team completed the emergency repair in less than four months and before the beginning of the rainy season.

Water Main Replacements DB 554 & 555

APWA Honor Award: Utilities \$6 - \$25 million

ASCE Water, Wastewater & Reuse Award of Merit



Design-Build Water Group 554 and 555 replaced eight miles of cast iron water pipe originally installed in the 1950s in the Clairemont, Southeast San Diego, and Encanto communities.

Having been completed with more than one year ahead of schedule, this project increased the size of existing pipes to better serve the area, improves water service reliability and minimizes future water main breaks caused by aging pipes.

Tijuana River Valley- Pilot Channel Restoration
APWA Honor Award: Disaster/Emergency \$2 - \$5 million

This project achieved the objective of excavating years of sediment and trash from the Pilot and Smugglers Gulch drainage channels in the Tijuana River Valley.



Faced with impending “El Nino” weather patterns and the potential for torrential rains and storm water flows in the area, the City sought and obtained individual project permits under emergency conditions from the U.S. Army Corps of Engineers and other regulatory agencies for channel clearing efforts. These permits were obtained in record time, approximately three weeks. The normal processing time for these types of permits can take up to a year. City maintenance crews cleared the channels in two months, Oct – Dec 2009 enabling the

channels to accommodate torrential flows from multiple storm events this past winter.

The channel maintenance work effectively protected both private and public property and its inhabitants from potentially catastrophic flooding. City crews were able to extract, stage and secure excavated material using appropriate best management practices even during inclement weather.

Respectfully submitted,

Pati Boekamp
Engineering and Capital Projects Director

Approved: David Jarrell, P.E.
Deputy Chief Operating Officer

